

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---------------------------|------------------|---------|------------------|
| S1 | 18 | ("one-way" or "one way") with function with tree | USPAT | OR | ON | 2004/11/13 12:57 |
| S2 | 1 | tree with key with (revo\$6 or rekey\$3) | USPAT | OR | ON | 2004/11/12 17:00 |
| S3 | 1233 | key with (revo\$6 or rekey\$3) | USPAT | OR | ON | 2004/11/12 17:00 |
| S4 | 10 | key with (revo\$6 or rekey\$3) same tree | USPAT | OR | ON | 2004/11/12 17:00 |
| S5 | 2 | ("6240188").URPN. | USPAT | OR | OFF | 2004/11/12 17:03 |
| S6 | 6 | ("5036518" "5109384" "5592552" "5748736" "5831975" "6049878").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/12 17:04 |
| S7 | 15 | ("5592552").URPN. | USPAT | OR | OFF | 2004/11/12 17:06 |
| S8 | 3 | evict\$3 same tree | USPAT | OR | ON | 2004/11/12 17:06 |
| S9 | 1 | "6049878".pn. | USPAT | OR | ON | 2004/11/12 17:47 |
| S10 | 7 | ("6049878").URPN. | USPAT | OR | OFF | 2004/11/12 17:48 |
| S11 | 0 | ("6295361").URPN. | USPAT | OR | OFF | 2004/11/12 17:53 |
| S12 | 0 | ("6584566").URPN. | USPAT | OR | OFF | 2004/11/12 18:10 |
| S13 | 9 | logical with key with hierarchy | USPAT | OR | ON | 2004/11/12 18:10 |
| S14 | 20 | fiat and naor | USPAT | OR | ON | 2004/11/12 18:44 |
| S15 | 3 | top with down with rekey\$3 | USPAT | OR | ON | 2004/11/12 18:44 |
| S16 | 0 | key with distribut\$3 with tree with top near down | USPAT | OR | ON | 2004/11/13 12:57 |
| S17 | 5860 | key with distribut\$3 | USPAT | OR | ON | 2004/11/13 12:57 |
| S18 | 40 | key with distribut\$3 with tree | USPAT | OR | ON | 2004/11/13 12:57 |
| S19 | 0 | key with distribut\$3 with tree with start\$3 with top | USPAT | OR | ON | 2004/11/13 12:58 |
| S20 | 0 | key with distribut\$3 with tree with start\$3 with root | USPAT | OR | ON | 2004/11/13 12:58 |
| S21 | 0 | key with distribut\$3 with tree with start\$3 with lea | USPAT | OR | ON | 2004/11/13 12:58 |

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|-----|------|--|------------------------|----|-----|------------------|
| S22 | 0 | key with distribut\$3 with tree with start\$3 with leaf | USPAT | OR | ON | 2004/11/13 12:58 |
| S23 | 1 | rekey\$3 with tree | USPAT | OR | ON | 2004/11/13 13:09 |
| S27 | 1 | (rekey\$3 or re-key\$3) with tree | USPAT | OR | ON | 2004/11/13 13:10 |
| S28 | 6 | (rekey\$3 or re-key\$3) with multicast\$3 | USPAT | OR | ON | 2004/11/13 13:10 |
| S29 | 2 | (rekey\$3 key\$3 secret) with (user client node) with evict\$3 | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:10 |
| S30 | 1 | updat\$3 with (rekey\$3 key\$3 secret) same (user client node) with evict\$3 | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:10 |
| S31 | 2 | (rekey\$3 key\$3 secret) same (user client node) with evict\$3 | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:10 |
| S32 | 1509 | (rekey\$3 key\$3 secret) same (user client node) with (leave evict\$3) | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:11 |
| S33 | 721 | (rekey\$3 key\$3 secret) with (user client node) with (leave evict\$3) | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:11 |
| S34 | 148 | (user client node) with evict\$3 | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:12 |
| S35 | 0 | (user client node) with evict\$3 and rekey\$3 | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:12 |
| S36 | 3 | (user client node) with evict\$3 and updat\$3 with (key secret) | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:12 |
| S37 | 2 | (user client node) with evict\$3 with (key secret) | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:13 |
| S38 | 2 | (user client node) with evict\$3 same (key secret) | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:13 |
| S39 | 44 | (user client node) with evict\$3 and (key secret) | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:13 |
| S40 | 2 | (user client node multicast) with evict\$3 same (key secret) | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:13 |
| S41 | 45 | (user client node multicast) with evict\$3 and (key secret) | US-PGPUB; USPAT | OR | ON | 2005/10/29 12:13 |
| S42 | 5 | ("6240188").URPN. | USPAT | OR | OFF | 2005/10/29 12:18 |
| S43 | 6 | ("5036518" "5109384" "5592552" "5748736" "5831975" "6049878").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/29 12:20 |

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|-----|------|--|---------------------------|----|-----|---------------------|
| S44 | 47 | ("4200770" "4531020" "4578531" "4776011" "4881263" "5309516" "5351295" "5361256" "5588060" "5588061" "5600642" "5630184" "5633933" "5663896" "5724425" "5748736" "5761305" "5805578" "5841864" "5850451" "5889865" "5920630" "5987131" "6009274" "6049878" "6055575" "6088336" "6119228" "6151395" "6216231" "6226383" "6240188" "6256733" "6263435" "6272135" "6279112" "6295361" "6330671" "6332163" "6363154" "6483921" "6507562" "6584566" "6633579" "6636968" "6643773" "6684331").FN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/29 12:21 |
| S45 | 8 | (US-6240188-\$ or US-6941457-\$ or US-6901510-\$ or US- 6483921-\$ or US-6330671-\$ or US-6295361-\$ or US- 6151395-\$ or US-5630184-\$). did. | USPAT | OR | OFF | 2005/10/29 13:11 |
| S46 | 2 | S45 and updat\$3 with key with (period\$6 time) | US-PGPUB; USPAT | OR | ON | 2005/10/29 13:31 |
| S47 | 2137 | updat\$3 with key with (period \$6 time) | US-PGPUB; USPAT | OR | ON | 2005/10/29 13:32 |
| S48 | 58 | updat\$3 with key with predetermin\$3 with (period\$6 time) and @pd< "20010418" | US-PGPUB; USPAT | OR | ON | 2005/10/29 13:32 |
| S49 | 8 | (US-6240188-\$ or US-6941457-\$ or US-6901510-\$ or US- 6483921-\$ or US-6330671-\$ or US-6295361-\$ or US- 6151395-\$ or US-5630184-\$). did. | USPAT | OR | OFF | 2005/10/29 14:02 |
| S50 | 2 | S49 and (one\$way hash) with function | USPAT | OR | ON | 2005/10/29 14:03 |
| S51 | 507 | (one\$way near functin near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) with secret | US-PGPUB; USPAT | OR | ON | 2007/05/23 13:11 |
| S52 | 507 | (one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) with secret | US-PGPUB; USPAT | OR | ON | 2007/05/23 13:12 |

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|-----|-------|--|-----------------|----|----|------------------|
| S53 | 0 | (one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) with node near secret | US-PGPUB; USPAT | OR | ON | 2007/05/23 13:12 |
| S54 | 1 | (one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) same node near secret | US-PGPUB; USPAT | OR | ON | 2007/05/24 09:44 |
| S55 | 23 | (one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) and node near secret | US-PGPUB; USPAT | OR | ON | 2007/05/23 14:13 |
| S56 | 1 | (one\$way with function with chain one\$way with function with tree logical near key near (hierarch\$4 tree) key near manag\$5 OFC OFT LKH) same node near secret | US-PGPUB; USPAT | OR | ON | 2007/05/23 14:37 |
| S57 | 23 | (one\$way with function with chain one\$way with function with tree logical near key near (hierarch\$4 tree) key near manag\$5 OFC OFT LKH) and node near secret | US-PGPUB; USPAT | OR | ON | 2007/05/23 14:38 |
| S58 | 18 | (one\$way with function with chain one\$way with function with tree logical near key near (hierarch\$4 tree) key near manag\$5 OFC OFT LKH) and node adj secret | US-PGPUB; USPAT | OR | ON | 2007/05/23 14:39 |
| S59 | 65 | (one\$way with function with chain one\$way with function with tree logical near key near (hierarch\$4 tree) key near manag\$5 OFC OFT LKH) same node adj (secret key) | US-PGPUB; USPAT | OR | ON | 2007/05/23 14:39 |
| S60 | 12780 | ((one\$way with function with chain) (one\$way with function with tree) (logical near key near (hierarch\$4 tree)) (key near manag\$5) "OFC" "OFT" "LKH") | US-PGPUB; USPAT | OR | ON | 2007/05/23 14:51 |
| S61 | 1 | ((("without" "not") near (updat \$3 chang\$3)) with (node adj (secret key))) | US-PGPUB; USPAT | OR | ON | 2007/05/23 15:53 |
| S64 | 7 | ((fix\$2 ((("without" "not") near (updat\$3 chang\$3))) with (node adj (secret key))) | US-PGPUB; USPAT | OR | ON | 2007/05/23 14:49 |

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|-----|------|---|--------------------|----|----|---------------------|
| S65 | 3 | ((fix\$2 ("without" "not") near (updat\$3 chang\$3))) with (leaf adj (secret key)) | US-PGPUB; USPAT | OR | ON | 2007/05/23 14:50 |
| S66 | 1819 | ((one\$way with function with chain) (one\$way with function with tree) (logical near key near (hierarch\$4 tree)) (key near manag\$5) "OFC" "OFT" "LKH") and (member node leaf) with (evict\$3 leaves depart\$3) | US-PGPUB; USPAT | OR | ON | 2007/05/23 14:52 |
| S67 | 1816 | ((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5) "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3) | US-PGPUB; USPAT | OR | ON | 2007/05/23 14:52 |
| S68 | 177 | ((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5) "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3) and (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (secret key) | US-PGPUB; USPAT | OR | ON | 2007/05/23 14:55 |
| S69 | 140 | ((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5) "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3) and (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (secret key) and (@ad<"20040418" @prad<"20010418") | US-PGPUB; USPAT | OR | ON | 2007/05/23 15:04 |
| S70 | 5 | ((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5) "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3) same (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (secret key) and (@ad<"20040418" @prad<"20010418") | US-PGPUB; USPAT | OR | ON | 2007/05/23 15:00 |
| S71 | 0 | ((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5) "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3) and (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (secret key) and (@ad<"20040418" @prad<"20010418") not S60 | US-PGPUB; USPAT | OR | ON | 2007/05/23 15:06 |

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|-----|-------|--|-----------------|----|-----|------------------|
| S72 | 135 | ((one\$way with function with chain) (one\$way with function with tree) (key near manag\$5 "OFC" "OFT") and (member node leaf) with (evict\$3 leaves depart\$3) and (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (secret key) and (@ad< "20040418" @prad< "20010418") not S70 | US-PGPUB; USPAT | OR | ON | 2007/05/23 15:09 |
| S73 | 5 | (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (node leaf) near (secret key) and (@ad< "20040418" @prad< "20010418") not S70 | US-PGPUB; USPAT | OR | ON | 2007/05/23 15:09 |
| S74 | 5 | (fix\$2 "without" "not") with (chang\$3 updat\$3 renew\$3) with (node leaf) near (secret key) and (@ad< "20040418" @prad< "20010418") | US-PGPUB; USPAT | OR | ON | 2007/05/23 15:12 |
| S75 | 43 | node adj secret | US-PGPUB; USPAT | OR | ON | 2007/05/23 15:13 |
| S76 | 1 | (("without" "not") near (generat\$3 creat\$3 calculat\$3 updat\$3 chang\$3)) with (node adj (secret key)) | US-PGPUB; USPAT | OR | ON | 2007/05/23 15:53 |
| S77 | 12779 | (one\$way with function with chain one\$way with function with tree key near manag\$5 OFC OFT LKH) | US-PGPUB; USPAT | OR | ON | 2007/05/23 16:05 |
| S78 | 617 | (one\$way with function with chain one\$way with function with tree key near manag\$5 OFC OFT LKH) and key near updat\$3 | US-PGPUB; USPAT | OR | ON | 2007/05/23 16:05 |
| S79 | 190 | (one\$way with function with chain one\$way with function with tree key near manag\$5 OFC OFT LKH) same key near updat\$3 | US-PGPUB; USPAT | OR | ON | 2007/05/23 16:05 |
| S80 | 190 | (one\$way with function with chain one\$way with function with tree key near manag\$5 OFC OFT) same key near updat\$3 | US-PGPUB; USPAT | OR | ON | 2007/05/23 17:04 |
| S81 | 6 | (one\$way with function with chain one\$way with function with tree key near manag\$5 OFC OFT) same updat\$3 near secret | US-PGPUB; USPAT | OR | ON | 2007/05/24 09:05 |
| S82 | 3 | blind adj key with (generat\$3 updat\$3) | US-PGPUB; USPAT | OR | ON | 2007/05/24 09:05 |
| S83 | 20 | ("6240188").URPN. | USPAT | OR | OFF | 2007/05/24 09:14 |

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|-----|----|--|---------------------------|----|-----|---------------------|
| S84 | 1 | ("6941457").URPN. | USPAT | OR | OFF | 2007/05/24 09:25 |
| S85 | 47 | ("4200770" "4531020" "4578531" "4776011" "4881263" "5309516" "5351295" "5361256" "5588060" "5588061" "5600642" "5630184" "5633933" "5663896" "5724425" "5748736" "5761305" "5805578" "5841864" "5850451" "5889865" "5920630" "5987131" "6009274" "6049878" "6055575" "6088336" "6119228" "6151395" "6216231" "6226383" "6240188" "6256733" "6263435" "6272135" "6279112" "6295361" "6330671" "6332163" "6363154" "6483921" "6507562" "6584566" "6633579" "6636968" "6643773" "6684331").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/24 09:26 |
| S86 | 1 | evict\$3 with (member node client) same updat\$3 with key with secret | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/24 09:27 |
| S87 | 2 | evict\$3 with (member node client) and updat\$3 with key with secret | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/24 09:27 |
| S88 | 92 | (one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) same node near (secret key) | US-PGPUB; USPAT | OR | ON | 2007/05/24 09:44 |
| S89 | 0 | (one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) same (without "not") with (upat\$3 \$2generat \$3 \$2calculat\$3 \$2comput\$3) with node near (secret key) | US-PGPUB; USPAT | OR | ON | 2007/05/24 09:45 |
| S90 | 1 | (one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) same (((without "not") with (upat\$3 \$2generat \$3 \$2calculat\$3 \$2comput\$3)) fixed) with node near (secret key) | US-PGPUB; USPAT | OR | ON | 2007/05/24 09:46 |

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| S91 | 0 | (one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) same (((without "not") with (upat\$3 \$2generat\$3 \$2calculat\$3 \$2comput\$3)) fixed) with node near (secret key) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 09:46 |
| S92 | 0 | (one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) and (((without "not") with (upat\$3 \$2generat\$3 \$2calculat\$3 \$2comput\$3)) fixed) with node near (secret key) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 09:47 |
| S93 | 7 | (one\$way near function near chain one\$way near function near tree logical near key near (hierarch\$4 tree) key near manag\$5) and (((without "not") with (upat\$3 \$2generat\$3 \$2calculat\$3 \$2comput\$3)) fixed) with node near (secret key) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 09:48 |
| S94 | 7 | (one\$way near function near chain one\$way near2 tree logical near key near (hierarch\$4 tree) key near manag\$5) and (((without "not") with (upat\$3 \$2generat\$3 \$2calculat\$3 \$2comput\$3)) fixed) with node near (secret key) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 09:55 |
| S95 | 575 | mcgrew.in. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/24 09:55 |
| S98 | 10 | ((("6049878") or ("6606706") or ("6226743") or ("6397329") or ("6584566") or ("5748736") or ("5592552") or ("5592552") or ("7043024") or ("6275859") or ("20020147906")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/12/03 13:35 |
| S99 | 1 | "7043637".pn. | USPAT | OR | ON | 2007/12/05 15:27 |
| S100 | 71 | ("la forgia" laforgia).xa. | USPAT | OR | ON | 2007/12/05 15:28 |

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|------|----|--|---------------------------|----|-----|---------------------|
| S101 | 46 | ("20010042190" "20020007443" "5293424" "5613136" "5721855" "5825890" "5841873" "5978918" "6009502" "6052728" "6052785" "6094485" "6101543" "6157955" "6223260" "6240513" "6253337" "6373857" "6374329" "6377990" "6389462" "6397259" "6400724" "6405289" "6415329" "6434687" "6442687" "6449658" "6470027" "6473425" "6484257" "6490251" "6539494" "6578074" "6584567" "6598167" "6606708" "6654344" "6681327" "6732175" "6732269" "6785719" "6799202" "6820215" "6952768" "6993651").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/05 15:30 |
| S102 | 14 | ("6681327").URPN. | USPAT | OR | OFF | 2007/12/05 15:44 |
| S103 | 1 | "7043024".pn. | US-PGPUB; USPAT | OR | OFF | 2009/02/03 12:25 |

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